

TITLE: A META DATA DRIVEN SYSTEM AND METHOD FOR
EFFECTING EXTENSIBLE DATA INTERCHANGE AMONG SOFTWARE
5 TOOLS IN A DISTRIBUTED ENVIRONMENT

ABSTRACT OF THE DISCLOSURE:

10 A method is disclosed for effecting data
interchange among software tools and repositories in a
distributed heterogeneous environment in a computer
system having at least one repository of a first type and
at least one software modeling tool of a second type.
The method includes the steps of registering and storing
15 metadata describing a meta model in the repository.
Next, a set of rules and streams of data are generated
based on the rules, and then documents conforming to each
of the metamodels are generated by reading the set of
rules. An importer is written for use in importing into
20 the repository the streams of data; and, an exporter is
written for use in exporting from the repository the
streams of data.